

**Agreement between the National IT and Telecom
Agency, Denmark and the Swedish Post and Telecom
Agency**

**concerning the protection of DTT in the 800 MHz-band
(790-862 MHz) from ECN until 31 December 2012**

[May 2011]

1. Principles and definitions

- 1.1. The 800 MHz-band, as referred to in this agreement, covers the frequencies from 790 MHz to 862 MHz.
- 1.2. The agreement covers the protection of DTT in accordance with Geneva Agreement 2006 from ECN in accordance with Commission Decision 2010/267/EU of 6 May 2010, including the use of Block Edge Masks and the use of Frequency Division Duplex (FDD) arrangements. The use of other arrangements such as Time Division Duplex (TDD) is not covered in this agreement.
- 1.3. This agreement covers the co-ordination of ECN base stations in relation to DTT. The ECN user equipment, or terminals, are allowed to be used on a non interference basis, in accordance with ITU RR 4.4.
- 1.4. This agreement is supplemented by a separate coordination agreement "Agreement between the National IT and Telecom Agency, Denmark and the Swedish Post and Telecom Agency concerning the use of the 800 MHz band (790-862 MHz) for terrestrial systems" covering ECN.
- 1.5. This agreement is based on the concept of field strength levels.
- 1.6. The field strength values in this agreement are based on a receiving antenna height of 10 m, 1% of the time and 50% of the locations. The power sum method is used for accumulation.
- 1.7. The latest version of ITU-R P.1546 "Method for point-to area predictions for terrestrial services in the frequency range 30-3000 MHz" shall be used.

2. General until 31 December 2012

- 2.1. Transmitters may continue to operate and be implemented in the 800 MHz band in both Sweden and Denmark as set out in the GE06 Agreement and the bilateral agreement between Denmark and Sweden concerning the use of the broadcast band planned at the RRC 2006 conference of 25 June 2006. ECN shall not claim any protection from DTT services stemming from the GE06 Plan.
- 2.2. ECN base stations may be implemented in the 800 MHz band without coordination in relation to DTT as long as the cumulated interfering field strength is below 44 dB μ V/m/8 MHz at the border of a co-channel (overlapping) DTT allotment which are in operation.
- 2.3. GE06 Plan rights which are not implemented and not in operation do not need to be taken into account when bringing into service an ECN base station. Still; such base stations will become subject to coordination if the GE06 plan right is implemented and the coordination trigger given in 2.2 is exceeded. A three month notice will have to be given before implementing and operating a GE06 right in the band 791-821 MHz (CH61-CH64).
- 2.4. By April 2011 the following GE06 rights are in operation in the band 791-821 MHz (CH61-CH64): AABENRAA CH64.

3. General after 31 December 2012

- 3.1. Broadcasting shall not operate in the 800 MHz band in Sweden and Denmark after 31 December 2012.
- 3.2. Denmark shall not claim any protection from Sweden in relation to rights relating to CH61-CH69 (the 800 MHz band) in the GE06 plan after 31 December 2012.
- 3.3. Sweden shall not claim any protection from Denmark in relation to rights relating to CH61-CH69 (the 800 MHz band) in the GE06 plan after 31 December 2012.
- 3.4. Sweden and Denmark may keep existing broadcasting entries in the 800 MHz band listed in the GE06 plan after 31 December 2012. The corresponding entries in the MIFR shall be deleted.

4. Enter into force

- 4.1. This agreement shall come into effect from date of signature.
- 4.2. This agreement has been drawn in two identical copies, one for Denmark and one for Sweden.

Place

Place

Date

Date

For the National IT and Telecom Agency,
Denmark

For the Swedish Post and Telecom Agency

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